Name of the Work : Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

Name of the Work : Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- M/s Karthik Enterprises

Bill No :- 2nd Part Bill

Measurements recorded on 11/12/17

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
4	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.142, I.No.19.1 of PW, P&IWTD SR 2016-17)										
	8th cross DeviNagara										
	LHS										
	0.00	30.00		1.00	30.00			0.80	0.80	19.20	New Drain
	30.00	35.00		1.00	5.00						Cross Road
	35.00	60.00		1.00	25.00			0.60	0.45	6.75	Desilt
	60.00	64.00		1.00	4.00						Cross Road
	64.00	90.00		1.00	26.00			0.60	0.45	7.02	Desilt
	RHS										
	0.00	30.00		1.00	30.00			0.80	0.80	19.20	New Drain
	30.00	35.00		1.00	5.00						Cross Road
	35.00	60.00		1.00	25.00			0.60	0.45	6.75	Desilt
	60.00	64.00		1.00	4.00						Cross Road
	64.00	90.00		1.00	26.00			0.60	0.45	7.02	Desilt
	2nd cross Lottegollahalli-Desilt										
	LHS										
	0.00	15.00		1.00	15.00			0.60	0.45	4.05	Desilt
	15.00	30.00		1.00	15.00			0.60	0.45	4.05	
	30.00	45.00		1.00	15.00			0.60	0.45	4.05	
	45.00	56.00		1.00	11.00			0.60	0.45	2.97	
	56.00	61.00		1.00	4.50						8th Cross
	61.00	75.00		1.00	14.00			0.60	0.45	3.78	
	75.00	90.00		1.00	15.00			0.60	0.45	4.05	
	RHS										
	0.00	15.00		1.00	15.00			0.60	0.45	4.05	
	15.00	30.00		1.00	15.00			0.60	0.45	4.05	
	30.00	45.00		1.00	15.00			0.60	0.45	4.05	
	45.00	56.00		1.00	11.00			0.60	0.45	2.97	
	56.00	61.00		1.00	4.50						8th Cross
	61.00	75.00		1.00	14.00			0.60	0.45	3.78	
	75.00	90.00		1.00	15.00			0.60	0.45	4.05	
	LKR nagar main Road-Excavation for Saucer Drain										
	From Railway Gate to Towards SWD Drain										
	RHS										
	0.00	14.00		1.00	14.00			0.40	0.30	1.68	
	14.00	30.00		1.00	16.00			0.40	0.30	1.92	

TELUS CONSULTANTS

Measurements recorded on

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	30.00	45.00		1.00	15.00			0.40	0.30	1.80	
	45.00	60.00		1.00	15.00			0.40	0.30	1.80	
	60.00	75.00		1.00	15.00			0.40	0.30	1.80	
	70.00	90.00		1.00	20.00			0.40	0.30	2.40	
	90.00	105.00		1.00	15.00			0.40	0.30	1.80	
	105.00	120.00		1.00	15.00			0.40	0.30	1.80	
	120.00	135.00		1.00	15.00			0.40	0.30	1.80	
	135.00	140.00		1.00	5.00			0.40	0.30	0.60	
	140.00	165.00		1.00	25.00			0.40	0.30	3.00	
	165.00	180.00		1.00	15.00			0.40	0.30	1.80	
	180.00	195.00		1.00	15.00			0.40	0.30	1.80	
	195.00	210.00		1.00	15.00			0.40	0.30	1.80	
	210.00	225.00		1.00	15.00			0.40	0.30	1.80	
	225.00	240.00		1.00	15.00			0.40	0.30	1.80	
	240.00	250.00		1.00	10.00			0.40	0.30	1.20	
			LHS								
	0.00	14.00		1.00	14.00			0.23	0.30	0.97	
	14.00	30.00		1.00	16.00			0.23	0.30	1.10	
	30.00	45.00		1.00	15.00			0.23	0.30	1.04	
	45.00	60.00		1.00	15.00			0.23	0.30	1.04	
	60.00	75.00		1.00	15.00						Apartment No Drain
	75.00	90.00		1.00	15.00			0.23	0.30	1.04	
	90.00	105.00		1.00	15.00			0.23	0.30	1.04	
	105.00	120.00		1.00	15.00			0.23	0.30	1.04	
	120.00	135.00		1.00	15.00			0.23	0.30	1.04	
	135.00	142.00		1.00	7.00						Culvert
	142.00	165.00		1.00	23.00			0.23	0.30	1.59	
	165.00	180.00		1.00	15.00			0.23	0.30	1.04	
	180.00	195.00		1.00	15.00			0.23	0.30	1.04	
	195.00	210.00		1.00	15.00			0.23	0.30	1.04	
	210.00	225.00		1.00	15.00			0.23	0.30	1.04	
	225.00	240.00		1.00	15.00			0.23	0.30	1.04	
	240.00	250.00		1.00	10.00			0.23	0.30	0.69	
	250.00	265.00		1.00	15.00			0.23	0.30	1.04	
	265.00	275.00		1.00	10.00						Cross Road Culvert
	275.00	300.00		1.00	25.00			0.23	0.30	1.73	
	300.00	315.00		1.00	15.00			0.23	0.30	1.04	
	315.00	338.50		1.00	23.50			0.23	0.30	1.62	
							Total Qty in Cum			163.59	

TEJUS CONSULTANTS

For KARTHIK ENTERPRISES

Authorised Signatory

11/12/12

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Measurements recorded on 22/12/17

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
5	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.2 of PW,P&IWTD S.R 2016-17)										
	8th cross DeviNagara										
	LHS										
	0.00	30.00		2.00	30.00			0.33	0.10	1.98	(0.45+.2)/2=.33
	30.00	35.00		2.00	5.00						Cross Road
	35.00	60.00		2.00	25.00			0.33	0.10	1.63	
	60.00	64.00		2.00	4.00						Cross Road
	64.00	90.00		2.00	26.00			0.33	0.10	1.69	
	RHS										
	0.00	30.00		2.00	30.00			0.33	0.10	1.98	
	30.00	35.00		2.00	5.00						Cross Road
	35.00	60.00		2.00	25.00			0.33	0.10	1.63	
	60.00	64.00		2.00	4.00						Cross Road
	64.00	90.00		2.00	26.00			0.33	0.10	1.69	
	LKR nagar Road Saucer Drain From Railway Gate to Towards SWD Drain										
	RHS										
	0.00	14.00		1.00	14.00			0.40	0.10	0.56	
	14.00	30.00		1.00	16.00			0.40	0.10	0.64	
	30.00	45.00		1.00	15.00			0.40	0.10	0.60	
	45.00	60.00		1.00	15.00			0.40	0.10	0.60	
	60.00	75.00		1.00	15.00			0.40	0.10	0.60	
	70.00	90.00		1.00	20.00			0.40	0.10	0.80	
	90.00	105.00		1.00	15.00			0.40	0.10	0.60	
	105.00	120.00		1.00	15.00			0.40	0.10	0.60	
	120.00	135.00		1.00	15.00			0.40	0.10	0.60	
	135.00	140.00		1.00	5.00			0.40	0.10	0.20	
	140.00	165.00		1.00	25.00			0.40	0.10	1.00	
	165.00	180.00		1.00	15.00			0.40	0.10	0.60	
	180.00	195.00		1.00	15.00			0.40	0.10	0.60	
	195.00	210.00		1.00	15.00			0.40	0.10	0.60	
	210.00	225.00		1.00	15.00			0.40	0.10	0.60	
	225.00	240.00		1.00	15.00			0.40	0.10	0.60	
	240.00	250.00		1.00	10.00			0.40	0.10	0.40	
	LHS										
	0.00	14.00		0.00	14.00			0.23	0.10	0.00	
	14.00	30.00		1.00	16.00			0.23	0.10	0.37	
	30.00	45.00		1.00	15.00			0.23	0.10	0.35	
	45.00	60.00		1.00	15.00			0.23	0.10	0.35	
	60.00	75.00		1.00	15.00						Apartment No Drain

TEJUS CONSTRUCTIONS

Measurements recorded on 22/12/17

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	75.00	90.00		1.00	15.00			0.23	0.10	0.35	
	90.00	105.00		1.00	15.00			0.23	0.10	0.35	
	105.00	120.00		1.00	15.00			0.23	0.10	0.35	
	120.00	135.00		1.00	15.00			0.23	0.10	0.35	
	135.00	142.00		1.00	7.00						Culvert
	142.00	165.00		1.00	23.00			0.23	0.10	0.53	
	165.00	180.00		1.00	15.00			0.23	0.10	0.35	
	180.00	195.00		1.00	15.00			0.23	0.10	0.35	
	195.00	210.00		1.00	15.00			0.23	0.10	0.35	
	210.00	225.00		1.00	15.00			0.23	0.10	0.35	
	225.00	240.00		1.00	15.00			0.23	0.10	0.35	
	240.00	250.00		1.00	10.00			0.23	0.10	0.23	
	250.00	265.00		1.00	15.00			0.23	0.10	0.35	
	265.00	275.00		1.00	10.00						Cross Road Culvert
	275.00	300.00		1.00	25.00			0.23	0.10	0.58	
	300.00	315.00		1.00	15.00			0.23	0.10	0.35	
	315.00	338.50		1.00	23.50			0.23	0.10	0.54	
							Total Qty in Cum			**27.52**	

TEJUS CONSULTANTS

For KARTHIK ENTERPRISES

Authorised Signatory

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Measurements recorded on 26/12/17

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
9	Providing and laying cement concrete using 20mm and downsize granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for RCC works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cpost of steel and fabricaton charges) Ready Mixed Cement Concrete M 20 for Raft foundation, Column, Footing, main and secondary beams. (P.No.18, I.No.4.48 of PW, P&IWTD SR 2016-17)										
	LKR nagar Road Saucer Drain										
	From Railway Gate to Towards SWD Drain										
	RHS										
	0.00	14.00		1.00	14.00			0.40	0.10	0.56	
	14.00	30.00		1.00	16.00			0.40	0.10	0.64	
	30.00	45.00		1.00	15.00			0.40	0.10	0.60	
	45.00	60.00		1.00	15.00			0.40	0.10	0.60	
	60.00	75.00		1.00	15.00			0.40	0.10	0.60	
	70.00	90.00		1.00	20.00			0.40	0.10	0.80	
	90.00	105.00		1.00	15.00			0.40	0.10	0.60	
	105.00	120.00		1.00	15.00			0.40	0.10	0.60	
	120.00	135.00		1.00	15.00			0.40	0.10	0.60	
	135.00	140.00		1.00	5.00			0.40	0.10	0.20	
	140.00	165.00		1.00	25.00			0.40	0.10	1.00	
	165.00	180.00		1.00	15.00			0.40	0.10	0.60	
	180.00	195.00		1.00	15.00			0.40	0.10	0.60	
	195.00	210.00		1.00	15.00			0.40	0.10	0.60	
	210.00	225.00		1.00	15.00			0.40	0.10	0.60	
	225.00	240.00		1.00	15.00			0.40	0.10	0.60	
	240.00	250.00		1.00	10.00			0.40	0.10	0.40	
	LHS										
	0.00	14.00		1.00	14.00			0.23	0.10	0.32	
	14.00	30.00		1.00	16.00			0.23	0.10	0.37	
	30.00	45.00		1.00	15.00			0.23	0.10	0.35	
	45.00	60.00		1.00	15.00			0.23	0.10	0.35	
	60.00	75.00		1.00	15.00			—	—	—	Apartment No Drain
	75.00	90.00		1.00	15.00			0.23	0.10	0.35	
	90.00	105.00		1.00	15.00			0.23	0.10	0.35	
	105.00	120.00		1.00	15.00			0.23	0.10	0.35	
	120.00	135.00		1.00	15.00			0.23	0.10	0.35	
	135.00	142.00		1.00	7.00			—	—	—	Culvert
	142.00	165.00		1.00	23.00			0.23	0.10	0.53	
	165.00	180.00		1.00	15.00			0.23	0.10	0.35	
	180.00	195.00		1.00	15.00			0.23	0.10	0.35	
	195.00	210.00		1.00	15.00			0.23	0.10	0.35	
	210.00	225.00		1.00	15.00			0.23	0.10	0.35	
	225.00	240.00		1.00	15.00			0.23	0.10	0.35	
	240.00	250.00		1.00	10.00			0.23	0.10	0.23	
	250.00	265.00		1.00	15.00			0.23	0.10	0.35	

TEJUS CONSULTANTS

47

Measurements recorded on

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
	265.00	275.00		1.00	10.00						Cross Road Culvert
	275.00	300.00		1.00	25.00			0.23	0.10	0.58	
	300.00	315.00		1.00	15.00			0.23	0.10	0.35	
	315.00	338.50		1.00	23.50			0.23	0.10	0.54	
							Total Qty in Cum			**17.25**	

TEJUS CONSULTANTS

For KARTHIK ENTERPRISES

Authorised Signatory

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.
Bangalore.

48

51

Measurements recorded on 28/12/17

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
14	KSRB 5.2-3: Providing and constructing granite size stone masonry in foundation cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m. apart in each course including cost of materaials, labour, curing complete as per specifications. Specifcation No. KBS 5.1.13. (P.No.23, I.No.5.6 of PW, P&IWTD S.R 2016-17)										
	8th cross DeviNagara										
	LHS-Road Side										
	0.00	30.00		1.00	30.00			0.45	0.45	6.08	
	30.00	35.00		1.00	5.00			-	-		Cross Road
	35.00	60.00		1.00	25.00			0.45	0.45	5.06	
	60.00	64.00		1.00	4.00			-	-		Cross Road
	64.00	90.00		1.00	26.00			0.45	0.45	5.27	
	RHS-Road Side							-	-		
	0.00	30.00		1.00	30.00			0.45	0.45	6.08	New Drain
	30.00	35.00		1.00	5.00			-	-		Cross Road
	35.00	60.00		1.00	25.00			0.45	0.45	5.06	
	60.00	64.00		1.00	4.00			-	-		Cross Road
	64.00	90.00		1.00	26.00			0.45	0.45	5.27	
							Total Qty in Cum			**32.81**	

TEJUS CONSULTANTS

For KARTHIK ENTERPRISES

Authorised Signatory

W.08

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.
Bangalore.

Measurements recorded on 28/12/17

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
15	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4(P.No.24, I.No.5.26.2 of PW, P&IWTD SR 2016-17)										
	8th cross DeviNagara										
	LHS-Building Side										
	0.00	30.00		1.00	30.00				0.45	13.50	
	30.00	35.00		1.00	5.00				-		Cross Road
	35.00	60.00		1.00	25.00				0.45	11.25	
	60.00	64.00		1.00	4.00				-		Cross Road
	64.00	90.00		1.00	26.00				0.45	11.70	
	RHS-Building Side								-		
	0.00	30.00		1.00	30.00				0.45	13.50	
	30.00	35.00		1.00	5.00				-		Cross Road
	35.00	60.00		1.00	25.00				0.45	11.25	
	60.00	64.00		1.00	4.00				-		Cross Road
	64.00	90.00		1.00	26.00				0.45	11.70	
							Total Qty in Sqm			**72.90**	

TEJUS CONSULTANTS

For KARTHIK ENTERPRISES

Authorised Signatory

W.S.B

28/12

Assistant Executive Engr.
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.
Bangalore.

Measurements recorded on 30/12/17

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
16	KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.No.113, I.No.15.1 of PW, P&IWTD S.R 2016-17)										
	8th cross DeviNagara										
	LHS-Road Side										
	0.00	30.00		1.00	30.00				0.45	13.50	
	30.00	35.00		1.00	5.00				–		Cross Road
	35.00	60.00		1.00	25.00				0.45	11.25	
	60.00	64.00		1.00	4.00				–		Cross Road
	64.00	90.00		1.00	26.00				0.45	11.70	
	RHS-Road Side										
	0.00	30.00		1.00	30.00				0.45	13.50	
	30.00	35.00		1.00	5.00				–		Cross Road
	35.00	60.00		1.00	25.00				0.45	11.25	
	60.00	64.00		1.00	4.00				–		Cross Road
	64.00	90.00		1.00	26.00				0.45	11.70	
							Total Qty in Sqm			**72.90**	

TEJUS CONSULTANTS

For KARTHIK ENTERPRISES 4.08

Authorised Signatory

30/1

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.
Bangalore.

Measurements recorded on 30/12/17

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
17	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.6 of PW,P&IWTD S.R 2016-17)										
	8th cross DeviNagara Coping Concrete										
	LHS										
	0.00	30.00		2.00	30.00			0.33	0.075	1.49	
	30.00	35.00		2.00	5.00			-	-		Cross Road
	35.00	60.00		2.00	25.00			0.33	0.075	1.22	
	60.00	64.00		2.00	4.00			-	-		Cross Road
	64.00	90.00		2.00	26.00			0.33	0.075	1.27	
	RHS							-	-		
	0.00	30.00		2.00	30.00			0.33	0.075	1.49	
	30.00	35.00		2.00	5.00			-	-		Cross Road
	35.00	60.00		2.00	25.00			0.33	0.075	1.22	
	60.00	64.00		2.00	4.00			-	-		Cross Road
	64.00	90.00		2.00	26.00			0.33	0.075	1.27	
							Total Qty in Sqm			**7.94**	

TEJAS CONSULTANTS

For KARTHIK ENTERPRISES

Authorised Signatory

W.08

30/12/17

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P
Bangalore.

Measurements recorded on

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	165.00	180.00		1.00	15.00	6.90	6.80	6.85		102.75	
	180.00	195.00		1.00	15.00	6.80	6.40	6.60		99.00	
	195.00	210.00		1.00	15.00	6.40	6.70	6.55		98.25	
	210.00	225.00		1.00	15.00	6.70	6.90	6.80		102.00	
	225.00	240.00		1.00	15.00	6.90	6.40	6.65		99.75	
	240.00	255.00		1.00	15.00	6.40	7.10	6.75		101.25	
	255.00	270.00		1.00	15.00	7.10	7.10	7.10		106.50	
	270.00	285.00		1.00	15.00	7.10	6.40	6.75		101.25	
	285.00	300.00		1.00	15.00	6.40	7.20	6.80		102.00	
	300.00	315.00		1.00	15.00	7.20	7.20	7.20		108.00	
	315.00	330.00		1.00	15.00	7.20	7.60	7.40		111.00	
	330.00	345.00		1.00	15.00	7.60	6.70	7.15		107.25	
	345.00	360.00		1.00	15.00	6.70	6.60	6.65		99.75	
	360.00	375.00		1.00	15.00	6.60	5.50	6.05		90.75	
	375.00	390.00		1.00	15.00	5.50	6.70	6.10		91.50	
	390.00	405.00		1.00	15.00	6.70	6.80	6.75		101.25	
	405.00	420.00		1.00	15.00	6.80	7.60	7.20		108.00	
	420.00	435.00		1.00	15.00	7.60	8.40	8.00		120.00	
	435.00	442.80		1.00	7.80	8.40	13.50	10.95		85.41	Bell Mouth
	8th cross DeviNagara										
	0.00	15.00		1.00	15.00	4.20	4.40	4.30		64.50	
	15.00	30.00		1.00	15.00	4.40	4.20	4.30		64.50	Cross Road
	30.00	45.00		1.00	15.00	4.20	4.20	4.20		63.00	
	45.00	60.00		1.00	15.00	4.20	4.40	4.30		64.50	Cross Road
	60.00	75.00		1.00	15.00	4.40	4.20	4.30		64.50	
	75.00	90.00		1.00	15.00	4.20	4.20	4.20		63.00	
	90.00	94.00		1.00	4.00	4.20	4.20	4.20		16.80	
	2nd cross Lottegollahalli										
	0.00	15.00		1.00	15.00	4.80	4.50	4.65		69.75	
	15.00	30.00		1.00	15.00	4.50	4.50	4.50		67.50	
	30.00	45.00		1.00	15.00	4.50	4.40	4.45		66.75	
	45.00	56.00		1.00	11.00	4.40	4.40	4.40		48.40	
	56.00	61.00		1.00	4.50	4.40	4.50	4.45		20.03	8th Cross
	61.00	75.00		1.00	14.00	4.50	4.40	4.45		62.30	
	75.00	90.00		1.00	15.00	4.40	4.50	4.45		66.75	
	90.00	110.00		1.00	20.00	4.50	4.70	4.60		92.00	
							Total Qty in Sqm			**11767.40**	

TEJUS CONSULTANTS

For KARTHIK ENTERPRISES

Authorised Signatory

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Measurements recorded on 8/1/18

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
30	KSRRB M500-16. Providing and laying dense bituminous macadam 50-75mm compacted thickness with 4.5% VG-30 Bitumen using 40/60 TPH capacity H.M.P, using crushed aggregates of grading II, premixed with VG 30 grade bituminous binder and transporting the hot mix to work site, laying with mechanical paver to the required grade level and alignment rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10, complete in all respects complete as per specification MORTH specification No. 507 (P.No.163 I.No. 21.17.6 of PW,P&IWTD S.R 2016-17)										
	LKR nagar main Road										
	From Railway Gate to Towards SWD Drain										
	0.00	14.00		1.00	14.00	6.70	7.40	7.05	0.05	4.94	
	14.00	30.00		1.00	16.00	10.00	10.00	10.00	0.05	8.00	
	30.00	45.00		1.00	15.00	10.00	10.20	10.10	0.05	7.58	
	45.00	60.00		1.00	15.00	10.20	10.40	10.30	0.05	7.73	
	60.00	75.00		1.00	15.00	10.40	10.20	10.30	0.05	7.73	
	75.00	90.00		1.00	15.00	10.20	10.50	10.35	0.05	7.76	
	90.00	105.00		1.00	15.00	10.50	10.80	10.65	0.05	7.99	
	105.00	120.00		1.00	15.00	10.80	9.00	9.90	0.05	7.43	
	120.00	135.00		1.00	15.00	9.00	8.50	8.75	0.05	6.56	
	135.00	150.00		1.00	15.00	8.50	8.60	8.55	0.05	6.41	
	150.00	165.00		1.00	15.00	8.60	8.20	8.40	0.05	6.30	
	165.00	180.00		1.00	15.00	8.20	8.80	8.50	0.05	6.38	
	180.00	195.00		1.00	15.00	8.80	8.80	8.80	0.05	6.60	
	195.00	210.00		1.00	15.00	8.80	9.10	8.95	0.05	6.71	
	210.00	225.00		1.00	15.00	9.10	8.60	8.85	0.05	6.64	
	225.00	240.00		1.00	15.00	8.60	8.10	8.35	0.05	6.26	
	240.00	250.00		1.00	10.00	8.10	8.10	8.10	0.05	4.05	
	Devinagara Main Road										
	From Lottegollahalli Main Road to Ring Road										
	0.00	15.00		1.00	15.00	7.70	8.20	7.95	0.05	5.96	
	15.00	30.00		1.00	15.00	8.20	7.40	7.80	0.05	5.85	
	30.00	45.00		1.00	15.00	7.40	7.60	7.50	0.05	5.63	
	45.00	60.00		1.00	15.00	6.50	6.50	6.50	0.05	4.88	
	60.00	75.00		1.00	15.00	6.50	6.70	6.60	0.05	4.95	
	75.00	90.00		1.00	15.00	6.70	6.00	6.35	0.05	4.76	
	90.00	105.00		1.00	15.00	6.00	6.00	6.00	0.05	4.50	
	105.00	120.00		1.00	15.00	6.00	6.50	6.25	0.05	4.69	
	120.00	135.00		1.00	15.00	6.50	6.50	6.50	0.05	4.88	
	135.00	150.00		1.00	15.00	6.50	6.90	6.70	0.05	5.03	
	150.00	165.00		1.00	15.00	6.90	6.90	6.90	0.05	5.18	
	165.00	180.00		1.00	15.00	6.90	6.80	6.85	0.05	5.14	
	180.00	195.00		1.00	15.00	6.80	6.40	6.60	0.05	4.95	
	195.00	210.00		1.00	15.00	6.40	6.70	6.55	0.05	4.91	
	210.00	225.00		1.00	15.00	6.70	6.90	6.80	0.05	5.10	
	225.00	240.00		1.00	15.00	6.90	6.40	6.65	0.05	4.99	
	240.00	255.00		1.00	15.00	6.40	7.10	6.75	0.05	5.06	

Measurements recorded on

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	255.00	270.00		1.00	15.00	7.10	7.10	7.10	0.05	5.33	
	270.00	285.00		1.00	15.00	7.10	6.40	6.75	0.05	5.06	
	285.00	300.00		1.00	15.00	6.40	7.20	6.80	0.05	5.10	
	300.00	315.00		1.00	15.00	7.20	7.20	7.20	0.05	5.40	
	315.00	330.00		1.00	15.00	7.20	7.60	7.40	0.05	5.55	
	330.00	345.00		1.00	15.00	7.60	6.70	7.15	0.05	5.36	
	345.00	360.00		1.00	15.00	6.70	6.60	6.65	0.05	4.99	
	360.00	375.00		1.00	15.00	6.60	5.50	6.05	0.05	4.54	
	375.00	390.00		1.00	15.00	5.50	6.70	6.10	0.05	4.58	
	390.00	405.00		1.00	15.00	6.70	6.80	6.75	0.05	5.06	
	405.00	420.00		1.00	15.00	6.80	7.60	7.20	0.05	5.40	
	420.00	435.00		1.00	15.00	7.60	8.40	8.00	0.05	6.00	
	435.00	442.80		1.00	7.80	8.40	13.50	10.95	0.05	4.27	Bell Mouth
	8th cross DeviNagara-Profile Correction										
	0.00	30.00		2.00	5.00			4.50	0.05	2.25	
	30.00	95.00		2.00	4.00			4.00	0.05	1.60	
	2nd cross Lottegollahalli-Profile Correction										
	0.00	30.00		2.00	6.00	3.00	2.50	2.75	0.05	1.65	
	75.00	110.00		2.00	8.00	2.50	2.30	2.40	0.05	1.92	
							Total Qty in Cum			**275.54**	

SERVICUS CONSULTANTS

For KARTHIK ENTERPRISES

Authorised Signatory

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Measurements recorded on 10/1/18

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
31	KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 (P.No.165 of I.No.21.22.6 in PW,P&IWTD S.R 2016-17)										
	LKR nagar main Road										
	0.00	14.00		1.00	14.00	6.70	7.40	7.05	0.04	3.95	
	14.00	30.00		1.00	16.00	10.00	10.00	10.00	0.04	6.40	
	30.00	45.00		1.00	15.00	10.00	10.20	10.10	0.04	6.06	
	45.00	60.00		1.00	15.00	10.20	10.40	10.30	0.04	6.18	
	60.00	75.00		1.00	15.00	10.40	10.20	10.30	0.04	6.18	
	75.00	90.00		1.00	15.00	10.20	10.50	10.35	0.04	6.21	
	90.00	105.00		1.00	15.00	10.50	10.80	10.65	0.04	6.39	
	105.00	120.00		1.00	15.00	10.80	9.00	9.90	0.04	5.94	
	120.00	135.00		1.00	15.00	9.00	8.50	8.75	0.04	5.25	
	135.00	150.00		1.00	15.00	8.50	8.60	8.55	0.04	5.13	
	150.00	165.00		1.00	15.00	8.60	8.20	8.40	0.04	5.04	
	165.00	180.00		1.00	15.00	8.20	8.80	8.50	0.04	5.10	
	180.00	195.00		1.00	15.00	8.80	8.80	8.80	0.04	5.28	
	195.00	210.00		1.00	15.00	8.80	9.10	8.95	0.04	5.37	
	210.00	225.00		1.00	15.00	9.10	8.60	8.85	0.04	5.31	
	225.00	240.00		1.00	15.00	8.60	8.10	8.35	0.04	5.01	
	240.00	250.00		1.00	10.00	8.10	8.10	8.10	0.04	3.24	
	Devinagara Main Road									0.00	
	0.00	15.00		1.00	15.00	7.70	8.20	7.95	0.04	4.77	
	15.00	30.00		1.00	15.00	8.20	7.40	7.80	0.04	4.68	
	30.00	45.00		1.00	15.00	7.40	7.60	7.50	0.04	4.50	
	45.00	60.00		1.00	15.00	6.50	6.50	6.50	0.04	3.90	
	60.00	75.00		1.00	15.00	6.50	6.70	6.60	0.04	3.96	
	75.00	90.00		1.00	15.00	6.70	6.00	6.35	0.04	3.81	
	90.00	105.00		1.00	15.00	6.00	6.00	6.00	0.04	3.60	
	105.00	120.00		1.00	15.00	6.00	6.50	6.25	0.04	3.75	
	120.00	135.00		1.00	15.00	6.50	6.50	6.50	0.04	3.90	
	135.00	150.00		1.00	15.00	6.50	6.90	6.70	0.04	4.02	
	150.00	165.00		1.00	15.00	6.90	6.90	6.90	0.04	4.14	
	165.00	180.00		1.00	15.00	6.90	6.80	6.85	0.04	4.11	
	180.00	195.00		1.00	15.00	6.80	6.40	6.60	0.04	3.96	
	195.00	210.00		1.00	15.00	6.40	6.70	6.55	0.04	3.93	
	210.00	225.00		1.00	15.00	6.70	6.90	6.80	0.04	4.08	
	225.00	240.00		1.00	15.00	6.90	6.40	6.65	0.04	3.99	
	240.00	255.00		1.00	15.00	6.40	7.10	6.75	0.04	4.05	
	255.00	270.00		1.00	15.00	7.10	7.10	7.10	0.04	4.26	
	270.00	285.00		1.00	15.00	7.10	6.40	6.75	0.04	4.05	

VISHWA CONSULTANTS

Measurements recorded on

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	285.00	300.00		1.00	15.00	6.40	7.20	6.80	0.04	4.08	
	300.00	315.00		1.00	15.00	7.20	7.20	7.20	0.04	4.32	
	315.00	330.00		1.00	15.00	7.20	7.60	7.40	0.04	4.44	
	330.00	345.00		1.00	15.00	7.60	6.70	7.15	0.04	4.29	
	345.00	360.00		1.00	15.00	6.70	6.60	6.65	0.04	3.99	
	360.00	375.00		1.00	15.00	6.60	5.50	6.05	0.04	3.63	
	375.00	390.00		1.00	15.00	5.50	6.70	6.10	0.04	3.66	
	390.00	405.00		1.00	15.00	6.70	6.80	6.75	0.04	4.05	
	405.00	420.00		1.00	15.00	6.80	7.60	7.20	0.04	4.32	
	420.00	435.00		1.00	15.00	7.60	8.40	8.00	0.04	4.80	
	435.00	442.80		1.00	7.80	8.40	13.50	10.95	0.04	3.42	Bell Mouth
	8th cross DeviNagara										
	0.00	15.00		1.00	15.00	4.20	4.40	4.30	0.04	2.58	
	15.00	30.00		1.00	15.00	4.40	4.20	4.30	0.04	2.58	Cross Road
	30.00	45.00		1.00	15.00	4.20	4.20	4.20	0.04	2.52	
	45.00	60.00		1.00	15.00	4.20	4.40	4.30	0.04	2.58	Cross Road
	60.00	75.00		1.00	15.00	4.40	4.20	4.30	0.04	2.58	
	75.00	90.00		1.00	15.00	4.20	4.20	4.20	0.04	2.52	
	90.00	94.00		1.00	4.00	4.20	4.20	4.20	0.04	0.67	
	2nd cross Lottegollahalli										
	0.00	15.00		1.00	15.00	4.80	4.50	4.65	0.04	2.79	
	15.00	30.00		1.00	15.00	4.50	4.50	4.50	0.04	2.70	
	30.00	45.00		1.00	15.00	4.50	4.40	4.45	0.04	2.67	
	45.00	56.00		1.00	11.00	4.40	4.40	4.40	0.04	1.94	
	56.00	61.00		1.00	4.50	4.40	4.50	4.45	0.04	0.80	8th Cross
	61.00	75.00		1.00	14.00	4.50	4.40	4.45	0.04	2.49	
	75.00	90.00		1.00	15.00	4.40	4.50	4.45	0.04	2.67	
	90.00	110.00		1.00	20.00	4.50	4.70	4.60	0.04	3.68	
							Total Qty in Cum			**250.27**	

For KARTHIK ENTERPRISES

Authorised Signatory

Assistant Executive Engineer
Kodigehalli Sub Div
Yelahanka Zone, B.B.M.P.
Bangalore.

Measurements recorded on 29/1/18

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
11	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 10cms thick (P.No.25, I.No.5.31.2 of PW, P&IWTD SR 2016-17)										
	8th cross DeviNagara										
	LHS										
	0.00	30.00		1.00	30.00			1.80		54.00	For New drain=0.6+0.6+0.6=1.8
				1.00	30.00			0.90		27.00	Cover Slab
	30.00	35.00		1.00	5.00			-		-	Cross Road
	35.00	60.00		1.00	25.00			0.90		22.50	
	60.00	64.00		1.00	4.00			-		-	Cross Road
	64.00	90.00		1.00	26.00			0.90		23.40	
	RHS							-		-	
	0.00	30.00		1.00	30.00			1.80		54.00	For New drain=0.6+0.6+0.6=1.8
				1.00	30.00			0.90		27.00	Cover Slab
	30.00	35.00		1.00	5.00			-		-	Cross Road
	35.00	60.00		1.00	25.00			0.90		22.50	
	60.00	64.00		1.00	4.00			-		-	Cross Road
	64.00	90.00		1.00	26.00			0.90		23.40	
	Lottegollahalli main Road -Missing Slab										
	RHS From Devinagra Junction to towards Jalagaradamma temple										
	107.00	318.00		1.00	33.00			1.50		49.50	
	7th cross Devinagara-Missing Slabs										
	LHS										
	0.00	92.00		1.00	16.00			0.90		14.40	
	RHS										
	0.00	92.00		1.00	12.00			0.90		10.80	
	6th cross Devinagara-Missing Slabs										
	LHS										
	0.00	95.00		1.00	28.00			0.90		25.20	
	RHS										
	0.00	95.00		1.00	20.00			0.90		18.00	
	2nd cross Lottegollahalli-Missing Slabs										
	LHS										
	0.00	90.00		1.00	21.00			0.90		18.90	
	RHS										
	0.00	90.00		1.00	18.00			0.90		16.20	
								Total Qty in Sqm		**406.80**	

TELUS CONSULTANTS

For KARTHIK ENTERPRISES

Authorised Signatory

15.08

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.
Bangalore.

Measurements recorded on 29/1/18

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
12	KSRB 5-9 : Providing chamfering edges to stone slab 2.5 cms. wide as per specifications, (only chamfered length shall be recorded) KBS 5.1.13 (P.No.24, I.No.5.22 of PW,P&IWTD SR 2016-17)										
	8th cross DeviNagara										
	LHS										
	0.00	30.00		1.00	50			3.00		150.00	0.6+0.9+0.6+0.9=3
	30.00	35.00		1.00	8						Cross Road
	35.00	60.00		1.00	42			3.00		125.00	
	60.00	64.00		1.00	7						Cross Road
	64.00	90.00		1.00	43			3.00		130.00	
	RHS										
	0.00	30.00		1.00	50			3.00		150.00	
	30.00	35.00		1.00	8						Cross Road
	35.00	60.00		1.00	42			3.00		125.00	
	60.00	64.00		1.00	7						Cross Road
	64.00	90.00		1.00	43			3.00		130.00	
	Lottegollahalli main Road -Missing Slab										
	RHS From Devinagra Junction to towards Jalagaradamma temple										
	107.00	318.00		1.00	33			4.50		148.50	
	7th cross Devinagara-Missing Slabs										
	LHS										
	0.00	92.00		1.00	16			3.00		48.00	
	RHS										
	0.00	92.00		1.00	12			3.00		36.00	
	6th cross Devinagara-Missing Slabs										
	LHS										
	0.00	95.00		1.00	28			3.00		84.00	
	RHS										
	0.00	95.00		1.00	20			3.00		60.00	
	2nd cross Lottegollahalli-Missing Slabs										
	LHS										
	0.00	90.00		1.00	21			3.00		63.00	
	RHS										
	0.00	90.00		1.00	24			3.00		70.50	
							Total Qty in Rmt			**1320.00**	

TEJUS

For KARTHIK ENTERPRISES

Authorised Signatory

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone
Bangalore.

Measurements recorded on 29/1/18

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
13	Providing One line dressing to granite stone slab/ granite stone masonry as per speciication (P.No.23, I.No.5.17 of PW,P&IWTD SR 2016-17)										
	8th cross DeviNagara										
	LHS										
	0.00	30.00		1.00	30.00			0.90		27.00	
	30.00	35.00		1.00	5.00						Cross Road
	35.00	60.00		1.00	25.00			0.90		22.50	
	60.00	64.00		1.00	4.00						Cross Road
	64.00	90.00		1.00	26.00			0.90		23.40	
	RHS										
	0.00	30.00		1.00	30.00			0.90		27.00	
	30.00	35.00		1.00	5.00						Cross Road
	35.00	60.00		1.00	25.00			0.90		22.50	
	60.00	64.00		1.00	4.00						Cross Road
	64.00	90.00		1.00	26.00			0.90		23.40	
	Lottegollahalli main Road -Missing Slab										
	RHS From Devinagra Junction to towards Jalagaradamma temple										
	107.00	318.00		1.00	33.00			1.50		49.50	
	7th cross Devinagara-Missing Slabs										
	LHS										
	0.00	92.00		1.00	16.00			0.90		14.40	
	RHS										
	0.00	92.00		1.00	12.00			0.90		10.80	
	6th cross Devinagara-Missing Slabs										
	LHS										
	0.00	95.00		1.00	28.00			0.90		25.20	
	RHS										
	0.00	95.00		1.00	20.00			0.90		18.00	
	2nd cross Lottegollahalli-Missing Slabs										
	LHS										
	0.00	90.00		1.00	21.00			0.90		18.90	
	RHS										
	0.00	90.00		1.00	18.00			0.90		16.20	
							Total Qty in Sqm			**298.80**	

TEJUS CONSULTANTS

For PARTHIK ENTERPRISES

Authorised Signatory

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, BBMP
Bangalore

Measurements recorded on 29/1/18

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
20	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)										
	LHS From Devinagar Road to Towards Kannooramma temple Road										
	0.00	30.00		1.00	30.00			0.90		27.00	
	30.00	45.50		1.00	15.50			0.90		13.95	
	45.50	63.40		1.00	17.90			0.90		16.11	
	85.70	115.70		1.00	30.00			0.90		27.00	
	115.70	132.60		1.00	16.90			0.90		15.21	
	137.50	167.20		1.00	29.70			0.90		26.73	
	Devinagra Main Road										
	RHS From Lottegollahalli Main Road to Ring Road										
	0.00	30.00		1.00	7.50			0.90		6.75	Missing Precast Slabs
	30.00	90.00		1.00	9.00			0.90		8.10	
	90.00	150.00		1.00	5.00			0.90		4.50	
	150.00	200.00		1.00	8.00			0.90		7.20	
	200.00	250.00		1.00	8.50			0.90		7.65	
								Total Qty in Sqm		**160.20**	

TEJUS CONSULTANTS

For KARTHIK ENTERPRISES

Authorised Signatory

Assistant Engineer
Kodigehalli
Yelahanka Zone
Bangalore

Measurements recorded on 29/1/18

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
24	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 (P.No.179, I.No. 24.1 of PW,P&IWTD SR 2015-16)										
	Devinagra Main Road										
	LHS From Lottegollahalli Main Road to Ring Road										
	0.00	28.50		1.00	28.50			0.35		9.98	
	34.30	43.50		1.00	9.20			0.35		3.22	
	43.50	73.50		1.00	30.00			0.35		10.50	
	73.50	82.00		1.00	8.50			0.35		2.98	
	LKR nagar main Road										
	LHS From Railway Gate to towards SWD										
	0.00	13.00		1.00	13.00			0.35		4.55	
	13.00	33.50		1.00	20.50			0.35		7.18	
	33.50	56.00		1.00	22.50			0.35		7.88	
	68.00	98.00		1.00	30.00			0.35		10.50	
	98.00	134.00		1.00	36.00			0.35		12.60	
	139.50	164.00		1.00	24.50			0.35		8.58	
	164.00	194.00		1.00	30.00			0.35		10.50	
	194.00	224.00		1.00	30.00			0.35		10.50	
	224.00	257.00		1.00	33.00			0.35		11.55	
	257.00	265.70		1.00	8.70			0.35		3.05	
	273.30	286.60		1.00	13.30			0.35		4.66	
	286.60	310.40		1.00	23.80			0.35		8.33	
	310.40	361.40		1.00	51.00			0.35		17.85	
							Total Qty in Sqm			**144.38**	

TEJUS CONSULTANTS

For KARTHIK ENTERPRISES

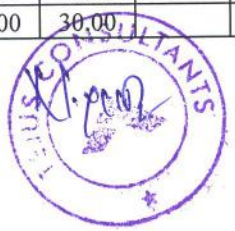
Authorised Signatory

Assistant Exec...
Kodigehalli Sub...
Yelahanka Zone, ...
Bangalore

Measurements recorded on 29/1/18

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
32	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.(P.No.185, I.No.24.15 of PW,P&IWTD SR 2016-17)										
	LKR nagar main Road										
	Edge Lane Marking										
	0.00	14.00		2.00	14.00			0.15		4.20	
	14.00	30.00		2.00	16.00			0.15		4.80	
	30.00	45.00		2.00	15.00			0.15		4.50	
	45.00	60.00		2.00	15.00			0.15		4.50	
	60.00	75.00		2.00	15.00			0.15		4.50	
	75.00	90.00		2.00	15.00			0.15		4.50	
	90.00	105.00		2.00	15.00			0.15		4.50	
	105.00	120.00		2.00	15.00			0.15		4.50	
	120.00	135.00		2.00	15.00			0.15		4.50	
	135.00	150.00		2.00	15.00			0.15		4.50	
	150.00	165.00		2.00	15.00			0.15		4.50	
	165.00	180.00		2.00	15.00			0.15		4.50	
	180.00	195.00		2.00	15.00			0.15		4.50	
	195.00	210.00		2.00	15.00			0.15		4.50	
	210.00	225.00		2.00	15.00			0.15		4.50	
	225.00	240.00		2.00	15.00			0.15		4.50	
	240.00	250.00		2.00	10.00			0.15		3.00	
	Centre Lane Marking										
	0.00	14.00		0.50	14.00			0.15		1.05	
	14.00	30.00		0.50	16.00			0.15		1.20	
	30.00	45.00		0.50	15.00			0.15		1.13	
	45.00	60.00		0.50	15.00			0.15		1.13	
	60.00	75.00		0.50	15.00			0.15		1.13	
	75.00	90.00		0.50	15.00			0.15		1.13	
	90.00	105.00		0.50	15.00			0.15		1.13	
	105.00	120.00		0.50	15.00			0.15		1.13	
	120.00	135.00		0.50	15.00			0.15		1.13	
	135.00	150.00		0.50	15.00			0.15		1.13	
	150.00	165.00		0.50	15.00			0.15		1.13	
	165.00	180.00		0.50	15.00			0.15		1.13	
	180.00	195.00		0.50	15.00			0.15		1.13	
	195.00	210.00		0.50	15.00			0.15		1.13	
	210.00	225.00		0.50	15.00			0.15		1.13	
	225.00	240.00		0.50	15.00			0.15		1.13	
	240.00	250.00		0.50	10.00			0.15		0.75	
	Devinagara Main Road										
	Edge Lane Marking										
	0.00	15.00		2.00	15.00			0.10		3.00	
	15.00	30.00		2.00	15.00			0.10		3.00	



15.08

Measurements recorded on

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	30.00	45.00		2.00	15.00			0.10		3.00	
	45.00	60.00		2.00	15.00			0.10		3.00	
	60.00	75.00		2.00	15.00			0.10		3.00	
	75.00	90.00		2.00	15.00			0.10		3.00	
	90.00	105.00		2.00	15.00			0.10		3.00	
	105.00	120.00		2.00	15.00			0.10		3.00	
	120.00	135.00		2.00	15.00			0.10		3.00	
	135.00	150.00		2.00	15.00			0.10		3.00	
	150.00	165.00		2.00	15.00			0.10		3.00	
	165.00	180.00		2.00	15.00			0.10		3.00	
	180.00	195.00		2.00	15.00			0.10		3.00	
	195.00	210.00		2.00	15.00			0.10		3.00	
	210.00	225.00		2.00	15.00			0.10		3.00	
	225.00	240.00		2.00	15.00			0.10		3.00	
	240.00	255.00		2.00	15.00			0.10		3.00	
	255.00	270.00		2.00	15.00			0.10		3.00	
	270.00	285.00		2.00	15.00			0.10		3.00	
	285.00	300.00		2.00	15.00			0.10		3.00	
	300.00	315.00		2.00	15.00			0.10		3.00	
	315.00	330.00		2.00	15.00			0.10		3.00	
	330.00	345.00		2.00	15.00			0.10		3.00	
	345.00	360.00		2.00	15.00			0.10		3.00	
	360.00	375.00		2.00	15.00			0.10		3.00	
	375.00	390.00		2.00	15.00			0.10		3.00	
	390.00	405.00		2.00	15.00			0.10		3.00	
	405.00	420.00		2.00	15.00			0.10		3.00	
	420.00	435.00		2.00	15.00			0.10		3.00	
	435.00	442.80		2.00	7.80			0.10		1.56	Bell Mouth
	Centre Lane Marking										
	0.00	15.00		0.50	15.00			0.10		0.75	
	15.00	30.00		0.50	15.00			0.10		0.75	
	30.00	45.00		0.50	15.00			0.10		0.75	
	45.00	60.00		0.50	15.00			0.10		0.75	
	60.00	75.00		0.50	15.00			0.10		0.75	
	75.00	90.00		0.50	15.00			0.10		0.75	
	90.00	105.00		0.50	15.00			0.10		0.75	
	105.00	120.00		0.50	15.00			0.10		0.75	
	120.00	135.00		0.50	15.00			0.10		0.75	
	135.00	150.00		0.50	15.00			0.10		0.75	
	150.00	165.00		0.50	15.00			0.10		0.75	
	165.00	180.00		0.50	15.00			0.10		0.75	
	180.00	195.00		0.50	15.00			0.10		0.75	
	195.00	210.00		0.50	15.00			0.10		0.75	
	210.00	225.00		0.50	15.00			0.10		0.75	
	225.00	240.00		0.50	15.00			0.10		0.75	
	240.00	255.00		0.50	15.00			0.10		0.75	
	255.00	270.00		0.50	15.00			0.10		0.75	
	270.00	285.00		0.50	15.00			0.10		0.75	

US CONSULTANTS

Measurements recorded on

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	285.00	300.00		0.50	15.00			0.10		0.75	
	300.00	315.00		0.50	15.00			0.10		0.75	
	315.00	330.00		0.50	15.00			0.10		0.75	
	330.00	345.00		0.50	15.00			0.10		0.75	
	345.00	360.00		0.50	15.00			0.10		0.75	
	360.00	375.00		0.50	15.00			0.10		0.75	
	375.00	390.00		0.50	15.00			0.10		0.75	
	390.00	405.00		0.50	15.00			0.10		0.75	
	405.00	420.00		0.50	15.00			0.10		0.75	
	420.00	435.00		0.50	15.00			0.10		0.75	
	435.00	442.80		0.50	7.80			0.10		0.39	Bell Mouth
	8th cross DeviNagara										
	Edge Lane Marking										
	0.00	15.00		2.00	15.00			0.10		3.00	
	15.00	30.00		2.00	15.00			0.10		3.00	
	30.00	45.00		2.00	15.00			0.10		3.00	
	45.00	60.00		2.00	15.00			0.10		3.00	
	60.00	75.00		2.00	15.00			0.10		3.00	
	75.00	90.00		2.00	15.00			0.10		3.00	
	90.00	94.00		2.00	4.00			0.10		0.80	
	2nd cross Lottegollahalli										
	Edge Lane Marking										
	0.00	15.00		2.00	15.00			0.10		3.00	
	15.00	30.00		2.00	15.00			0.10		3.00	
	30.00	45.00		2.00	15.00			0.10		3.00	
	45.00	56.00		2.00	11.00			0.10		2.20	
	56.00	61.00		2.00	4.50			0.10		0.90	
	61.00	75.00		2.00	14.00			0.10		2.80	
	75.00	90.00		2.00	15.00			0.10		3.00	
	90.00	110.00		2.00	20.00			0.10		4.00	
							Total Qty in Sqm			**245.15**	

TEJUS CONSULTANTS

For KARTHIK ENTERPRISES

Authorised Signatory

4.08

Assistant Executive Engineer
Kodigehalli Sub Div.
Yelahanka Zone, BBMP
Bangalore.

Measurements recorded on 29/1/18

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
36	Providing and fixing M S Grating										
	LKR nagar main Road-LHS										
	0.00	250.00		50.00	0.25			0.25		3.13	250/5
	Kannuramma Temple Road-LHS										
	0.00	140.00		28.00	0.25			0.25		1.75	
							Total Qty in Sqm			4.88	

TEJUS CONSULTANTS

For KARTHIK ENTERPRISES

Authorised Signatory

Assistant Engineer
Kodigehalli Sub-Division
Yelahanka Zone, BBMP
Bangalore.

Measurements recorded on 29/1/18

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
37	KSRRB M2600-5.(iv) Providing and filling joint sealing compound as per drawings and technical specifications with coarse sand and 6 per cent bitumen by weight complete as per specifications MORTH Specification No. 2605(P.No.243, I.No.31.5 of PW,P&HWTD S.R 2016-17)										
	LKR nagar main Road-LHS										
	0.00	338.50		1.00	310.00					310.00	
							Total Qty in Rmt			**310.00**	

TEJUS CONSTRUCTIONS

For KARTHIK ENTERPRISES

Authorised Signatory

Assistant Executive Engineer
Kodigehalli
Yelahanka Zone, BBMP
Bangalore.

Measurements recorded on 29/1/18

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
39	KSRRB M800-35. Supply and Installation of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000kg tested in accordance to specification of category A of MORTH Circular No RW/NH/33023/10-97-Do III Dt 11.06.1997. The Height, width and length shall no exceed 50mm, 100mm, and 102mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19mm and height not less than 30 mm) from the body is to be a minimum vakue of 500 kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacturer's recommendation and complete as directed by the engineer with 2 years warranty for the reflectivity from the original manufacturer is mandatory along with necessary test certification from the certified laboratory. Third party test certificates from a reputed test laboratory shall be submitted with seal and signature in originals. (P.No.189, I.No.24.41 of PW,P&IWTD SR 2016-17)									
	LKR nagar main Road									
			3.00	50.00					150.00	
	Devinagara Main Road									
			3.00	88.00					264.00	
						Total Qty in Nos			**414.00**	

TEJUS CONSULTANTS

Assistant Engineer
Kodigehalli Ward
Yelahanka Zone
Bangalore

Measurements recorded on 29/1/18

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
40	Manufacturing, Supply & Fixing of Retro- Reflection Road name sign board single Arrow size 1.98X0.9m size made out if wide angle cube corner micro prismatic grade sheeting confirming to IRC 67:2010 & type XI standards of ASTM D 4956-09 specifications and fixed over 2mm thick aluminium sheet back support frame of stainless stell supported by 30NB 1.2mm thick stainless steel pipe all around and 65NB 1.5mm thick pipe vertical post (AISI 202 Grade) firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 30cmx30cmx45cm etc.complete. The information message shal be made out of cut out letters in blue colour transparent overlay film as per IRC 67-2010 Guidelines, 7 years pre-qualification warranty for retro reflective sheeting from the original sheeting manufacturer and a certied copy of three years outdoor exposure report from an independent test lab for the product offered shall be submitted by the contractor. The sign board shall be Retro-Reflective Type XL									
	Devinagara Main Road									
				2.00					2.00	
						Total Qty in Nos			**2.00**	

TEJUS CONSULTANTS

For KARTHIK ENTERPRISES

Authorised Signatory

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, BBMP
Bangalore.

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Measurements recorded on 29/1/18										
Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli										
BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
77	Add cost of Waste Plastic @ 8% of Bitumen Weight									
	Bitumen = 141 kg/cum								2822.99	

TEJUS CONSULTANTS

5.08

For KARTHIK ENTERPRISES

Authorised Signatory

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.